



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Be the Application of

Ramesh NAGARAJAN et al.

Group Art Unit:

Application No.: 10/709,386

Examiner: Not Yet Assigned

Filed: April 30, 2004

Docket No.: 118447

For: REFORMATTING BINARY IMAGE DATA TO GENERATE SMALLER COMPRESSED  
IMAGE DATA SIZE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. English-language Abstracts of the non-English language references are attached hereto.
- ☒ 3. Computer-generated English translations of the following Japanese Patent Publications have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but have not been reviewed for accuracy. See References 14 and 15.

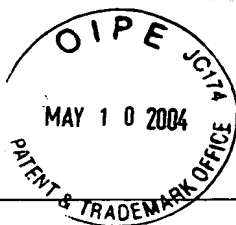
Respectfully submitted,

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 118447		APPLICATION NO. 10/709,386	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Ramesh NAGARAJAN et al.			
				FILING DATE April 30, 2004		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1.	4,590,606	05/20/1986	ROHRER			
	2.	4,403,340	09/06/1983	KUMPF et al.			
	3.	4,045,773	08/30/1977	KADOTA et al.			
	4.	4,513,442	04/23,1985	SCHERL			
	5.	6,343,159 B1	01/29/2002	CUCIUREAN-ZAPAN et al.			
	6.	5,450,502	09/12/1995	ESCHBACH et al.			
	7.	5,363,209	11/08/1994	ESCHBACH et al.			
	8.	5,414,538	05/09/1995	ESCHBACH			
	9.	5,581,370	12/03/1996	FUSS et al.			
	10.	5,347,374	09/13/1994	FUSS et al.			
	11.	6,175,427	01/16/2001	LEHMBECK et al.			
	12.	6,400,844 B1	06/04/2002	FAN et al.			
	13.	5,048,096	09/10/1991	BEATO			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	14.	JP-A-60-77278 (w/ abstract)	05/01/1985	Japan			
	15.	JP-A-60-116076 (w/ abstract)	06/22/1985	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	16.	Data Compression for Check Processing Machines, Yasuhiko Yasuda, Michel Dubois and Thomas S. Huang, Proceedings of the IEEE, vol. 68, no. 7, July 1980.					
	17.	IBM Technical Disclosure Bulletin, October 1972, pp. 1531-1532, "Amount Line Finding Logic."					
	18.	Signal Processing 52 (1996) 357-372 "Nonlinear adaptive filters for speckle suppression in ultrasonic images," Eleftherios Kofidis, Sergios Theodoridis, Constantine Kotropoulos, Ioannis Pitas. Received 7 July 1995, revised 22 February 1996.					
	19.	Multiresolution Adaptive Speckle Filtering: a Comparison of Algorithms; B. Aiazzi, L. Alparone, S. Baronti, G. Borri; pp. 1054-1056.					
	20.	IBM Technical Disclosure Bulletin, May 1973, pp. 3879-3883, "Line/Symbol Separation for Raster Image Processing."					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: May 10, 2004